

ABNORMAL TEST RESULT

OF MODEL WMA35F

1. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown?

No.

4. Other Results?

See the following pages .

(FMEA : 2/10 ~ 9/10)

(Abnormal Test Result: 10/10 ~ 10/10)

There was no emission of flame, molten metal, ignition of cheesecloth, dielectric breakdown, opening of the ground fuse, other indication of a shock or fire hazard.

F M E A

Component	Mode	Comment	Output Voltage (V)
C101	Open	Nomal operation.	AVR1:*
	Short	Fuse opend.No Hazard.	AVR1:0
C105	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:*
C106	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:*
C109	Open	No Hazard.	AVR1:decreased
	Short	Fuse opend.No Hazard.	AVR1:0
C111	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C114	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:*
C201	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C202	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C203	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C204	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C205	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:0
C206	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
C207	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:*
C213	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C503	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C505	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C506 (Only -5, -12)	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C507 (Only -5)	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C512	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C515	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:*
C601	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:*
C602	Open	Nomal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C603	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:*
D101	Open	Nomal operation.	AVR1:*
	Short	Nomal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)	
D201	Open	Nomal operation.	AVR1:*	
	Short	No Hazard.	AVR1:decreased	
D202	Open	Nomal operation.	AVR1:*	
	Short	No Hazard.	AVR1:decreased	
D203	Open	Nomal operation.	AVR1:*	
	Short	Nomal operation.	AVR1:*	
D204	Open	Nomal operation.	AVR1:*	
	Short	Nomal operation.	AVR1:*	
D205	Open	Nomal operation.	AVR1:*	
	Short	Nomal operation.	AVR1:*	
D207	Open	Nomal operation.	AVR1:*	
	Short	Nomal operation.	AVR1:*	
D501 (Only -24, -48)	Open	No Hazard.	AVR1:decreased	
	Short	No Hazard.	AVR1:decreased	
IC201	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	Nomal operation.	AVR1:*
		7	Nomal operation.	AVR1:*
		8	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:decreased
		2-3	No Hazard.	AVR1:decreased

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Component	Mode		Comment	Output Voltage (V)
IC201	Short	3-4	Fuse open. No Hazard.	AVR1:0
		5-6	Fuse open. No Hazard.	AVR1:0
		6-7	Nomal operation.	AVR1:*
		7-8	Nomal operation.	AVR1:*
IC601	Open	1	Nomal operation.	AVR1:*
		2	Nomal operation.	AVR1:*
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
	Short	1-2	Nomal operation.	AVR1:*
		2-3	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
	L101	Open	1	No Hazard.
2			No Hazard.	AVR1:0
3			No Hazard.	AVR1:0
4			No Hazard.	AVR1:0
Short		1-2	Nomal operation.	AVR1:*
		2-3	Fuse open. No Hazard.	AVR1:0
		3-4	Nomal operation.	AVR1:*
L501	Open		No Hazard.	AVR1:0
	Short		Nomal operation.	AVR1:*
LED501	Open		Nomal operation.	AVR1:*
	Short		Nomal operation.	AVR1:*
PC201	Open	A, K	No Hazard.	AVR1:0



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Component	Mode		Comment	Output Voltage (V)
PC201	Open	C, E	No Hazard.	AVR1:0
	Short	A-K	No Hazard.	AVR1:0
		C-E	No Hazard.	AVR1:0
R101	Open		Nomal operation.	AVR1:*
R102	Open		Nomal operation.	AVR1:*
R103	Open		Nomal operation.	AVR1:*
R110	Open		Nomal operation.	AVR1:*
R113	Open		Nomal operation.	AVR1:*
R116	Open		No Hazard.	AVR1:0
R201	Open		No Hazard.	AVR1:0
R202	Open		Nomal operation.	AVR1:*
R203	Open		No Hazard.	AVR1:0
R204	Open		Nomal operation.	AVR1:*
R205	Open		Nomal operation.	AVR1:*
R208	Open		No Hazard.	AVR1:0
R209	Open		No Hazard.	AVR1:0
R210	Open		Nomal operation.	AVR1:*
R212	Open		No Hazard.	AVR1:0
R214	Open		No Hazard.	AVR1:decreased
R215	Open		No Hazard.	AVR1:decreased
R216	Open		No Hazard.	AVR1:decreased
R217	Open		No Hazard.	AVR1:decreased
R501	Open		Nomal operation.	AVR1:*
R502 (Only -48)	Open		Nomal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)	
R503	Open	Nomal operation.	AVR1:*	
R504 (Only -48)	Open	Nomal operation.	AVR1:*	
R509	Open	Nomal operation.	AVR1:*	
R513	Open	Nomal operation.	AVR1:*	
R514 (Only -48)	Open	Nomal operation.	AVR1:*	
R601	Open	Nomal operation.	AVR1:*	
R602	Open	Nomal operation.	AVR1:*	
R603	Open	Nomal operation.	AVR1:*	
R604	Open	Nomal operation.	AVR1:*	
R605	Open	No Hazard.	AVR1:0	
R606	Open	No Hazard.	AVR1:0	
R607	Open	No Hazard.	AVR1:decreased	
R608 (Except:-48)	Open	Nomal operation.	AVR1:*	
R610	Open	Nomal operation.	AVR1:*	
R611	Open	No Hazard.	AVR1:0	
SS101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	Fuse open. No Hazard.	AVR1:0
		2-3	Fuse open. No Hazard.	AVR1:0
		3-4	Fuse open. No Hazard.	AVR1:0
SS501 (Only -5, -12)	Open	1	Nomal operation.	AVR1:*
		2	No Hazard.	AVR1:decreased

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Component	Mode		Comment	Output Voltage (V)
SS501 (Only -5, -12)	Open	3	Nomal operation.	AVR1:*
	Short	1-2	No Hazard.	AVR1:decreased
		2-3	No Hazard.	AVR1:decreased
T201	Open	1	Nomal operation.	AVR1:*
		2	Nomal operation.	AVR1:*
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	Nomal operation.	AVR1:*
		7	Nomal operation.	AVR1:*
		9	Nomal operation.	AVR1:*
		10	Nomal operation.	AVR1:*
		Short	1-2	No Hazard.
	2-3		Fuse opend. No Hazard.	AVR1:0
TH101	Open		No Hazard.	AVR1:0
	Short		Nomal operation.	AVR1:*
TR201	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	See page 10.	
		S-G	No Hazard.	AVR1:0
		G-D	See page 10.	
TR601	Open	D	Nomal operation.	AVR1:*
		S	Nomal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
TR601	Open	G	Nomal operation.	AVR1:*
	Short	D-S	No Hazard.	AVR1:0
		S-G	Nomal operation.	AVR1:*
		G-D	No Hazard.	AVR1:0
VR601	Open	brush	No Hazard.	AVR1:decreased
			No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
ZD202	Open		Nomal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD601 (Only -48)	Open		No Hazard.	AVR1:0
	Short		Nomal operation.	AVR1:*
ZD602	Open		Nomal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD603 (Only -48)	Open		Nomal operation.	AVR1:*
	Short		No Hazard.	AVR1:0

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR201	Short	D-S	Fuse opened, No hazard.	AVR1:0
		G-D	Fuse opened, No hazard.	AVR1:0